BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF THE PROJECT: CONSTRUCTION OF SAMUDAYA BHAVAN AT PUTTENAHALLI COLONY IN CHOWDESHWARI WARD NO - 02

Building

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB M200-15.2. Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. iii) Dismantling Stone Masonry.B. Rubble stone masonry in cement mortar. MORTH Specification No. 202								
	Well	Cum	1	8	0.45	1.2	4.32		
	Basic rate							351	
	Area weightage 8%							28.08	
	Total						**4.32**	**379.08**	**1637.63**
2	KSRRB M300- Construction of Embankment with Material Gravel/ Murrum. KSRRB M300-53. Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300- 2 complete as per specifications.(Including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of proctors density) MORTH Specification No. 305								
	Well	Cum	1	2	2	6.1	24.4		
	Embankment	Cum	1	9	5.5	0.45	22.27		
	Basic Rate							**325.00**	
	Area weightage 8%							**26.00**	
	Total						**46.67**	**351.00**	**16381.19**
3	KSRB 2-2.2 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the exavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. Specification No. KBS 2.1(b) / 2.3.5 Pg No 6,Item No 2.4								
	Footings								
	C1	Cum	8	3.4	1.8	1.5	73.44		
	SSM Footing								
	Along Short direction	Cum	4	4.1	0.9	0.9	13.28		
	Basic rate							449.00	
	Area weightage 8%							35.92	
	Total						**86.72**	**484.92**	**42054.20**
4	KSRB 2.8 : Providing and Filling in foundation with granite / trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications. Specification No. KBS Pg No 7, Item No 2.15								
	Footings								
	C1	cum	8	3.4	1.8	0.15	7.34		
	Basic rate							2429.00	
	Area weightage 8%							194.32	
	Total						**7.34**	**2623.32**	**19265.66**
5	KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:4:8(M7.5)with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregtes @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications.Specification No. KBS 4.1, 4.2 Pg No.13 Item No 4.3								
	Footings								
	C1	Cum	8	3.4	1.8	0.15	7.34		

No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	Below SSM footing								
	Along long direction	Cum	2	8.3	0.9	0.15	2.24		
	Along Short direction	Cum	2	5	0.9	0.15	1.35		
		Cum	2	5.3	0.9	0.15	1.43		
	Basic rate							5102.00	
	Area weightage 8%							408.16	
	Total						**12.37**	**5510.16**	**68135.66**
6	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of mix M15 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation,plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2, Pg No. 13 Item No. 4.6								
	Above SSM								
	Along long direction	Cum	2	8.30	0.6	0.15	1.49		
	Along Short direction	Cum	2	5	0.6	0.15	0.90		
		Cum	2	5.3	0.6	0.15	0.95		
	Above Embankment	Cum	1	9.00	5.50	0.15	7.42		
	Basic rate							5422.00	
	Area weightage 8%							433.76	
	Total						**10.77**	**5855.76**	**63072.33**
7	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation cement mortar 1:6, stone hammerddressed in courses not less than 20 cms high, bond stones at 2m apart in each course including cost of materials, labour, curing completeas per specifications.KBS 5.1.13 Pg No 25 item No 5.6								
	SSM Footing								
	Along long direction	Cum	2	8.30	0.6	0.6	5.97		
	Along Short direction	Cum	2	5	0.6	0.6	3.60		
		Cum	2	5.3	0.6	0.6	3.82		
	Basic rate							4596.00	
	Area weightage 8%							367.68	
	Total						**13.39**	**4963.68**	**66466.45**
8	KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications. Specification. No. KBS 2.9, Pg No.7, Item No.2.10								
	Filling Available of Excavated Earth								
	Earth Work Excavation	Cum					86.72		
	PCC for Footing	Cum					-12.37		
	Filling in foundation with granite / trap broken metal	Cum					-7.34		
	SSM Footing	Cum					-13.39		
	Footing Concrete Quantity	Cum					-34.09		
	Basic rate							201.00	
	Area weightage 8%							16.08	
	Total						**19.53**	**217.08**	**4240.08**

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
9	Conveying the excavated earth, debries etc., with all lead and lifts including loading and unloading charges etc., complete as per the direction of the Engineer-in-charge. Pg No 136,Item No17.4								
	Excavated Earth	Cum	From Item no 3				86.72		
	Dimantel	Cum	From Item no 1				4.32		
	Filling Available of Excavated Earth						-19.53		
	Loading and unloading item no.17.1 KSRRB M 100-1	Cum						57.00	
	Basic rate for haulage of materials as per item No. 17.4 KSRRB : M 100 - 4.1	t.km	For surface roads exluding Basic rate loading & unloading					2.00	
	Average Weight of earth	For2Kms =2x1.28x2						5.12	
	Basic rate							62.12	
	Area weightage 8%							4.97	
	Total						71.51	67.09	4797.69
10	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specificaitons. Specification No. KBS 4.6.2, Pg No 16, Item No 4.28								
	Footings								
	C1	Sqm	8	10.4		0.6	49.92		
	Basic rate							258.00	
	Area weightage 8%							20.64	
	Total						49.92	278.64	13909.71
11	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness , including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specificaitons. Specification No. KBS 4.6.2, Pg No 16, Item No 4.31								
	Plinth Beam								
	Along long Direction	Sqm	4	9.8		0.45	17.64		
	Along Short Direction	Sqm	8	5.5		0.45	19.80		
	Basic rate							358.00	
	Area weightage 8%							28.64	
	Total						37.44	386.64	14474.41
12	KSRB 4-6.5 : Providing and removing centering, shuttering, strutting, propping etc. and Removal of form Work for columns, pillars, piers, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specificaiton. Specification No. KBS 4.6.2, Pg No 16, Item No 4.32								
	Ground Floor								
	Column below plinth								
	C1	Sqm	8	1.5		0.9	10.80		
	Column upto beam bottom								
	C1	Sqm	8	1.5		3.15	37.80		
	First Floor								
	Column upto beam bottom								
	C1	Sqm	8	1.5		3.15	37.80		
	Terrace Floor								
	Head Room								
	Column upto beam bottom								
	C1	Sqm	4	1.50		2.55	15.30		
	Basic rate							456.00	
	Area weightage 8%							36.48	
	Total						101.70	492.48	50085.22

No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
13	KSRB 4-6.2 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for suspended floors, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specificaitons for heights more than 3.50m from ground level. - 0 to 5 mtrs.Specification No. KBS 4.6.2 page no.16 item no 4.29.2								
	Slab	Sqm	1	9.80	5.9		57.81		
	Deduction								
	Stair case	Sqm	-1	4.65	2.1		-9.77		
	First Room								
	Slab	Sqm	1	9.80	5.9		57.81		
	Deduction								
	Stair case	Sqm	-1	4.65	2.1		-9.77		
	Terrace Floor								
	Head Room								
	Slab	Sqm	1	5.90	2.10		12.39		
	Basic rate							400.00	
	Area weightage 8%							32.00	
	Total						**108.48**	**432.00**	**46861.80**
14	KSRB 4-6.9 : Providing and removing centering, shuttering, strutting, propping etc., for edges of slabs and breaks in floors including cost of all materials,labour complete as per specifications. Specifications No. KBS 4.6.2, Pg No 17,Item No 4.36								
	Slab sides	Sqm	1	31.40		0.15	4.71		
	First Floor								
	Slab sides	Sqm	1	31.40		0.15	4.71		
	Terrace Floor								
	Head Room								
	Slab Sides	Sqm	1	16		0.15	2.4		
	Basic rate							755.00	
	Area weightage 8%							60.40	
	Total						**11.82**	**815.4**	**9637.05**
15	KSRB 4-6.7 :Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specificaitons.Specification No. KBS 4.6.2, Pg No 17, Item No 4.34								
	Ground Floor								
	Beams								
	Along longer direction	Sqm	4	9.80		0.3	11.76		
	Along shorter direction	Sqm	8	5.30		0.3	12.72		
	Lintels								
	Cut lintel(W1)	Sqm	8	1.8		0.2	2.88		
	Windows bottom	Sqm	4	1.5	0.2		1.20		
	Cut lintel(D1)	Sqm	1	1.2		0.2	0.24		
	Door bottom	Sqm	1	0.9	0.2		0.18		
	First Floor								
	Beams								
	Along longer direction	Sqm	4	9.80		0.3	11.76		
	Along shorter direction	Sqm	8	5.3		0.3	12.72		
	Lintels								
	Cut lintel(W1)	Sqm	8	1.8		0.2	2.88		
	Windows bottom	Sqm	4	1.5	0.2		1.20		
	Terrace Floor								
	Head Room								
	Beams								
	Along longer direction	Sqm	4	5.90		0.30	7.08		

No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	Along shorter direction	Sqm	4	1.90		0.30	2.28		
	Basic rate							292.00	
	Area weightage 8%							23.36	
	Total						**66.90**	**315.36**	**21096.07**
16	KSRB 4-6.11 :Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for Stairs (excluding landing) except spiral staircase including cost of all materials, labour complete as per specificaiton. Specification No. KBS 4.6.2, Pg No 17, Item No 4.38								
	Ground Floor								
	Waist slab(Flight 1)	Sqm	1	3.75	1.00		3.75		
	Waist slab(Flight 1)sides	Sqm	2	3.75		0.15	1.13		
	Waist slab(Flight 2)	Sqm	1	3.75	1.00		3.75		
	Waist slab(Flight 2)sides	Sqm	2	3.75		0.15	1.13		
	Riser	Sqm	24	1.00		0.15	3.60		
	Landing	Sqm	1	2.1	1		2.10		
	Landing sides	Sqm	1	2.1		0.15	0.32		
	SB1	Sqm	2	2.1		0.3	1.26		
	First Floor								
	Waist slab(Flight 1)	Sqm	1	3.75	1		3.75		
	Waist slab(Flight 1)sides	Sqm	2	3.75		0.15	1.13		
	Waist slab(Flight 2)	Sqm	1	3.75	1		3.75		
	Waist slab(Flight 2)sides	Sqm	2	3.75		0.15	1.13		
	Riser	Sqm	24	1.00		0.15	3.60		
	Landing	Sqm	1	2.10	1		2.10		
	Landing sides	Sqm	1	2.10		0.15	0.32		
	SB1	Sqm	2	2.10		0.30	1.26		
	Basic rate							520.00	
	Area weightage 8%							41.60	
	Total						**34.05**	**561.60**	**19122.48**
17	KSRB 4-6.10 :Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels etc. , including edges including cost of all materials, labour complete as per specificaiton. Specification No. KBS 4.6.2 Pg No 17,Item No 4.37								
	Ground Floor								
	Chejja(W1)	Sqm	4	1.5	0.6		3.6		
	Chejja Sides(W1)	Sqm	4	3.60		0.10	1.44		
	First Floor								
	Chejja(W1)	Sqm	4	1.50	0.60		3.60		
	Chejja Sides(W1)	Sqm	4	3.60		0.10	1.44		
	Basic rate							323.00	
	Area weightage 8%							25.84	
	Total						**10.08**	**348.84**	**3516.31**
18	KSRB 4.2.1 : Providing and laying in position reinforced cement concrete of Design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70 cum and fine aggregtes @ 0.47cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6, Pg No. 14, Item No. 4.10								
	Footings								
	C1	Cum	8	3.4	1.8	0.6	29.38		
	Plinth Beam								
	Along long Direction	Cum	2	9.8	0.2	0.45	1.76		

No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	Along Short Direction	Cum	4	5.5	0.2	0.45	1.98		
	Column below plinth								
	C1	Cum	8	0.45	0.3	0.9	0.97		
	Basic rate							5812.00	
	Area weightage 8%							464.96	
	Total						34.09	6276.96	213991.86
19	KSRB 4.2.8 : Providing and laying in position reinforced cementconcrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum andfine aggregtes @ 0.47cum,with superplastisiser @3lts confirming to IS 9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick,vibrated fo all works in ground Floor level for roof slabs ,staircase, lintels , beams, retaining walls ,return wall, walls (an thivck ness) including attached plasters ,columns, pillars,posts,struts.butters,string or lacing courses ,parapets,coping,bed blocks,anchor blocks ,plain window cills,fillets including cost of all materials, labour,HOM of machinery, curing, complete as per specifications. No. KBS 4.1, 4.6, Pg No. 14, Item No. 4.12								
	Ground Floor								
	Column upto beam bottom								
	C1	Cum	8	0.45	0.3	3.15	3.40		
	Lintel								
	Cut lintel(W1)	Cum	4	1.8	0.2	0.2	0.29		
	Cut lintel(D1)	Cum	1	1.2	0.2	0.2	0.05		
	Stair case								
	Waist Slab for Flight 1	Cum	1	3.75	1	0.15	0.56		
	Waist Slab for Flight 2	Cum	1	3.75	1	0.15	0.56		
	Riser and treads	Cum	24			0.023	0.54		
			Triangular area=0.5*0.3*0.15=0.0225						
	Landing	Cum	1	2.1	1	0.15	0.32		
	SB1	Cum	1	2.1	0.2	0.3	0.13		
	Basic rate							6045.00	
	Area weightage 8%							483.60	
	Total						5.84	6528.60	38153.14
	First Floor								
	Column upto beam bottom								
	C1	Cum	8	0.45	0.30	3.15	3.40		
	Lintel								
	Cut lintel(W1)	Cum	4	1.8	0.2	0.2	0.29		
	Stair case								
	Waist Slab for Flight 1	Cum	1	3.75	1	0.15	0.56		
	Waist Slab for Flight 2	Cum	1	3.75	1	0.15	0.56		
	Riser and treads	Cum	24			0.023	0.54		
			Triangular area=0.5*0.3*0.15=0.0225						
	Landing	Cum	1	2.1	1	0.15	0.32		
	SB1	Cum	1	2.1	0.2	0.3	0.13		
	Basic rate							6045.00	
	Add lift charges for First Floor							60.00	
	sub total							6105.00	
	Area weightage 8%							488.40	
	Total						5.80	6593.40	38215.35

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	Terrace Floor								
	C1	Cum	4	0.45	0.30	2.55	**1.38**		
	Basic rate							6045.00	
	Add lift charges for First Floor							120.00	
	sub total							6165.00	
	Area weightage 8%							493.20	
	Total						**1.38**	**6658.20**	**9168.34**
20	Providing and laying cement concrete using 20 mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) for R.C.C works laid in 15 cms thick layers and well compacted including vibrating, curing, etc for all super Structure works with all lead and Lift etc., complete (exclusive of cost of steel and fabrication charges) Ready mixed cement for concrete with M-25. Pg No.19 Item No.4.49.2								
	Ground Floor								
	Slab	Cum	1	9.80	5.9	0.15	8.67		
	Deduction								
	Stair case	Cum	-1	4.65	2.1	0.15	-1.46		
	Beams								
	Along longer direction	Cum	2	9.80	0.3	0.3	1.76		
	Along shorter direction	Cum	4	5.3	0.3	0.3	1.91		
	First Floor								
	Slab	Cum	1	9.80	5.90	0.15	8.67		
	Deduction								
	Stair case	Cum	-1	4.65	2.1	0.15	-1.46		
	Beams								
	Along longer direction	Cum	2	9.80	0.30	0.3	1.76		
	Along shorter direction	Cum	4	5.30	0.30	0.3	1.91		
	Terrace Floor								
	Head Room								
	Slab	Cum	1	5.90	2.10	0.15	1.86		
	Beams								
	Along longer direction	Cum	2	5.90	0.30	0.3	1.06		
	Along shorter direction	Cum	2	1.90	0.30	0.3	0.34		
	Basic rate							5497.00	
	Area weightage 8%							439.76	
	Total						**25.02**	**5936.76**	**148530.25**
21	KSRB 4.2.11 : Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 27.20kgs, with 12mm and down size graded granite metal coarse aggregates @0.5865cum and fine aggregtes @ 0.391cum, with superplastisiser @0.225lts, machine mixed, well compacted for plain chajja of 8.5 cms. average thickness, upto First Floor level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete as per specifications. Specification No. KBS 4.1, 4.6 Pg No.15 Item no.4.20								
	Ground Floor								
	Chejja(W1)	Sqm	4	1.5	0.6		3.60		
	Basic rate							496.00	
	Area weightage 8%							39.68	
	Total						**3.60**	**535.68**	**1928.45**
	First Floor								
	Chejja(W1)	Sqm	4	1.50	0.60		3.60		
	Basic rate							496.00	
	Add lift charges for First Floor							5.00	
	sub total							501.00	
	Area weightage 8%							40.08	
	Total						**3.60**	**541.08**	**1947.89**

Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
KSRB 4.9.2 : Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 Pg No.18 Item No.4.46.2								
Ground Floor								
Footing	Cum	Concrete Quantity				29.38		
	kg	Steel assumed 100 Kg/Cum of Concrete				2937.6		
	tonne					**2.94**		
Colomn	Cum	Concrete Quantity				4.37		
	kg	Steel assumed 150 Kg/Cum of Concrete				656.10		
	tonne					**0.66**		
Plinth beam	Cum	Concrete Quantity				3.74		
	kg	Steel assumed 100 Kg/Cum of Concrete				374.36		
	tonne					**0.37**		
Staircase	Cum	Concrete Quantity				2.11		
	kg	Steel assumed 100 Kg/Cum of Concrete				210.60		
	tonne					**0.21**		
Beam	Cum	Concrete Quantity				3.67		
	kg	Steel assumed 150 Kg/Cum of Concrete				550.7		
	tonne					**0.55**		
Roof Slab	Cum	Concrete Quantity				7.21		
	kg	Steel assumed 125 Kg/Cum of Concrete				900.8		
	tonne					**0.90**		
Chajja	Cum	Concrete Quantity				0.36		
	kg	Steel assumed 100 Kg/Cum of Concrete				36.00		
	tonne					**0.04**		
Lintel	Cum	Concrete Quantity				0.34		
	kg	Steel assumed 100 Kg/Cum of Concrete				33.60		
	tonne					**0.03**		
Basic rate							78007.00	
Area weightage 8%							6240.56	
Total						**5.70**	**84247.6**	**480195.93**
First Floor								
Colomn	Cum	Concrete Quantity				3.40		
	Kg	Steel assumed 150 Kg/Cum of Concrete				510.30		
	tonne					0.51		
Beam	Cum	Concrete Quantity				**3.67**		
	kg	Steel assumed 150 Kg/Cum of Concrete				550.75		
	tonne					**0.55**		

Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
Staircase	Cum	Concrete Quantity				2.11		
	kg	Steel assumed 100 Kg/Cum of				210.60		
	tonne					0.21		
Roof Slab	Cum	Concrete Quantity				8.67		
	kg	Steel assumed 125 Kg/Cum of Concrete				1083.90		
	tonne					1.08		
Chajja	Cum	Concrete Quantity				0.36		
	kg	Steel assumed 100 Kg/Cum of Concrete				36.00		
	tonne					0.04		
Lintel	Cum	Concrete Quantity				0.29		
	kg	Steel assumed 100 Kg/Cum of Concrete				28.80		
	tonne					0.03		
Basic rate							78007.00	
Add lift charges for First Floor							748.00	
sub total							78755.0	
Area weightage 8%							6300.40	
Total						2.42	85055.4	205863.82
Head Room								
Colomn	Cum	Concrete Quantity				1.38		
	Kg	Steel assumed 150 Kg/Cum of				206.55		
	tonne					0.21		
Beam	Cum	Concrete Quantity				1.40		
	kg	Steel assumed 150 Kg/Cum of				210.60		
	tonne					0.21		
Roof Slab	Cum	Concrete Quantity				1.86		
	kg	Steel assumed 125 Kg/Cum of				232.31		
	tonne					0.23		
Basic rate							78007.00	
Add lift charges for First Floor							1496.00	
sub total							79503.0	
Area weightage 8%							6360.24	
Total						0.65	85863.2	55764.95

23	KSRB 5-14.1: Providing and constructing load bearing wall with solid concrete blocks of size 400X200X200mm having block density not less than 1800kg/m3 having a minimum average compressive strength 5.00N/mm2 confirming to IS 2185 (part 1) :2005 and constructed with cement mortar 1:4,as per IS 2572:2005 including cost of materials, labour charges, scaffolding, curing, hire charges of machinaries etc., complete as per specifications. KBS No.5.4, Pg No. 27 Item No. 5.27.1								
	Ground Floor								
	Along longer direction	Sqm	2	8.30		3.3	54.77		
	Along shorter direction	Sqm	1	5		3.3	16.50		
		Sqm	1	5.30		3.3	17.49		
	Deduction								
	D1	Sqm	-1	0.9		2.1	-1.89		
	W1	Sqm	-4	1.5		1.5	-9.00		
	Basic rate							912.00	
	Area weightage 8%							72.96	
	Total						77.87	984.96	76695.68

	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	First Floor								
	Along longer direction	Sqm	2	8.30		3.30	54.77		
	Along shorter direction	Sqm	1	5.00		3.30	16.50		
		Sqm	1	5.30		3.30	17.49		
	Deduction								
	W1	Sqm	-4	1.5		1.5	-9.00		
	Basic rate							912.00	
	Add lift charges for First Floor							35.00	
	sub total							947.00	
	Area weightage 8%							75.76	
	Total						79.76	**1022.76**	**81572.06**
	Terrace Floor								
	Head Room								
	Along longer direction	Sqm	2	5.30		2.55	27.03		
	Along shorter direction	Sqm	2	1.90		2.55	9.69		
	Deduction								
	D1	Sqm	1	0.90		-2.10	-1.89		
	Parapet wall								
	Along longer direction	Sqm	2	7.50		1.00	15.00		
	Along shorter direction	Sqm	1	5.50		1.00	5.50		
	Basic rate							912.00	
	Add lift charges for Terrace Floor							70.00	
	sub total							982.00	
	Area weightage 8%							78.56	
	Total						**55.33**	**1060.56**	**58680.78**
24	KSRB15-3.8 : Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners. wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications Pg No. 116,Item No.15.16								
	External Plastering								
	Ground Floor								
	Along longer direction	Sqm	2	8.30		3.6	59.75		
	Along shorter direction	Sqm	1	5.00		3.6	18.00		
		Sqm	1	5.30		3.6	19.08		
	Chejja								
	W1	Sqm	4	1.50	0.6		3.60		
	W1 sides	Sqm	8	1.50		0.1	1.20		
	W1 front	Sqm	4	1.50		0.1	0.60		
	Deductions								
	D1	Sqm	-1	0.9		2.1	-1.89		
	W1	Sqm	-4	1.5		1.5	-9.00		
	Basic rate							261.00	
	Area weightage 8%							20.88	
	Total						**91.34**	**281.88**	**25745.68**
	First Floor								
	Along longer direction	Sqm	2	8.30		3.60	59.75		
	Along shorter direction	Sqm	1	5.00		3.60	18.00		
		Sqm	1	5.30		3.60	19.08		
	Chejja								
	W1	Sqm	4	1.5	0.6		3.60		
	W1 sides	Sqm	8	1.5		0.1	1.20		
	W1 front	Sqm	4	1.5		0.1	0.60		

	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	Deductions								
	W1	Sqm	-4	1.5		1.5	-9.00		
	Basic rate							261.00	
	Add Scaffolding charges for First Floor							12.00	
	sub total							273.00	
	Area weightage 8%							21.84	
	Total						**93.23**	**294.84**	**27486.64**
	Terrace Floor								
	Head Room								
	Along longer direction	Sqm	2	5.3		3	31.80		
	Along shorter direction	Sqm	2	1.9		3	11.40		
	Deductions								
	D1	Sqm	1	0.9		-2.1	-1.89		
	Parapet wall								
	Along longer direction	Sqm	4	7.5		1	30.00		
	Along shorter direction	Sqm	2	5.5		1	11.00		
	Basic rate							261.00	
	Add Scaffolding charges for First Floor							24.00	
	sub total							285.00	
	Area weightage 8%							22.80	
	Total						**82.31**	**307.80**	**25335.02**
25	KSRB 15.3.2 : Providing 12mm thick cement plaster in single coat with cement mortar 1:4 , to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications .Pg No. 115 Item No.15.10								
	Internal Plastering								
	Ground Floor								
	Hall								
	Along longer direction	Sqm	2	9.40		3.45	64.85		
	Along shorter direction	Sqm	2	5.5		3.45	37.95		
	Deductions								
	D1	Sqm	-1	0.9		2.1	-1.89		
	W1	Sqm	-4	1.5		1.5	-9.00		
	Basic rate							204.00	
	Area weightage 8%							16.32	
	Total						**91.91**	**220.32**	**20248.77**
	First Floor								
	Hall								
	Along longer direction	Sqm	2	9.40		3.45	64.85		
	Along shorter direction	Sqm	2	5.50		3.45	37.95		
	Deductions								
	W1	Sqm	-4	1.50		1.5	-9.00		
	Basic rate							204.00	
	Add lift charges for First Floor							6.00	
	sub total							210.00	
	Area weightage 8%							16.80	
	Total						**93.80**	**226.80**	**21272.98**
	Terrace Floor								
	Head Room								
	Along longer direction	Sqm	2	5.3		2.55	27.03		

	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	Along shorter direction	Sqm	2	1.9		2.55	9.69		
	Basic rate							204.00	
	Add lift charges for First Floor							12.00	
	sub total							216.00	
	Area weightage 8%							17.28	
	Total						**36.72**	**233.28**	**8566.04**
5	KSRB15-3-14 : Providing 12mm thick cement plaster in single coat with cement mortar 1:4 , to ceiling including rounding off corners wherever required smooth rendering, : including Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. Pg No 116, Item No15.22								
	Ground Floor								
	Ceiling								
	Hall	Sqm	1	7.3	5.5		40.15		
	Near Stair case	Sqm	1	2.1	0.9		1.89		
	Beams	Sqm	2	5.5		0.6	6.60		
	First Floor								
	Ceiling								
	Hall	Sqm	1	7.3	5.5		40.15		
	Near Stair case	Sqm	1	2.1	0.9		1.89		
	Beams	Sqm	2	5.5		0.6	6.60		
	Head Room								
	Ceiling	Sqm	1	5.50	2.10		11.55		
	Basic rate							225.00	
	Area weightage 8%							18.00	
	Total						**108.83**	**243.00**	**26445.69**
27	providing applying two coats of wall putty to **inside plastered walls and ceiling** using white cement putty . Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers, including cost of alll material cost of labour and scaffolding etc. ,complete as per specification. Pg No.128 Item No.15.106								
	for Internal plastered portions	Sqm	1	same as Internal plastering			222.42		
	ceiling	Sqm	1	same as plastering for beam + ceiling			108.83		
	Basic rate							78.00	
	Area weightage 8%							6.24	
	Total						**331.25**	**84.24**	**27904.70**
28	KSRB 15-15.1 : Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. - with primer. PgNo. 119, I.No. 15.51.2								
	Internal painting	Sqm	Same as Internal plastering				222.42		
	Basic rate							90.00	
	Area weightage 8%							7.2	
	Total						**222.42**	**97.20**	**21619.46**
29	KSRB 15-14.1 : Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including priming coat with distemper primer after throughly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications page no117 item no 15.49.1 . KSRB 15-14.1 : Extra over Item 15-14.1 for applying oil bound washable distemper on ceiling and / or sloping roof as per specifications.Pg No 119,Item No15.49.2								
	Ceiling	Sqm	Same as plastering for beam and ceiling				108.83		
	Basic rate							110.00	
	Extra over Item 15-14.1							8.00	

	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	sub total							118.00	
	Area weightage 8%							9.44	
	Total						108.83	127.44	13869.30
0	KSRB 15-16.1 : Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. - with primer. (P. No. 120, I.No. 15.53.2 of SR 2018-19).								
	External painting								
	Ground Floor	Sqm	Same as External plastering +chajja plastering +Compound Wall plastering				91.34		
	Basic rate							102.00	
	Area weightage 8%							8.16	
	Total						91.34	110.16	10061.53
	First Floor	Sqm	Same as External plastering +chejja plastering				93.23		
	Basic Rate							102.00	
	An additional rate of Rs.4.00/sqm per floor for lift charges and Rs.4.00/sqm per floor for							8.00	
	sub total							110.00	
	Area weightage 8%							8.8	
	Total						93.23	118.80	11075.20
	Terrace Floor	Sqm	Same as External plastering +chejja plastering				82.31		
	Basic Rate							102.00	
	An additional rate of Rs.4.00/sqm per floor for lift charges and Rs.4.00/sqm per floor for							16.00	
	sub total							118.00	
	Area weightage 8%							9.44	
	Total						82.31	127.44	10489.59
31	Providing and laying Hassan Green / River Pink granite flooring for staircase, treads and rises using pre polished 20 mm thick water cut green Granite slab laid over existing cement concrete bed in CM 1:3, average 20mm thick including full rounding for nosing , cutting 3 line grooves not more than 2 mm wide for antiskidding, including cost of all materials,mortar,labour,curing etc.,complete as per Specification.Pg No 110,Item No14.51								
	Ground Floor								
	Tread	Sqm	23	1	0.3		6.9		
	Risers	Sqm	24	1		0.15	3.6		
	Landing	Sqm	1	2.1	1		2.1		
	Basic rate							4456.00	
	Area weightage 8%							356.48	
	Total						12.60	4812.48	60637.25
	First Floor								
	Tread	Sqm	23	1	0.3		6.9		
	Risers	Sqm	24	1		0.15	3.60		
	Landing	Sqm	1	2.1	1		2.10		
	Basic rate							4456.00	
	An additional rate of Rs.2/sqm per floor may be added for every additional floor							2.00	
	sub total							4458.00	
	Area weightage 8%							356.64	
	Total						12.60	4814.64	60664.46

	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
2	KSRB 14.9-1: Providing and laying M-15 cement concrete flooring, 50 mm thick with metallic concrete hardner topping , under layer of 35mm thick m-15 cement concrete using broken granite metal of 20mm and down size, and top layer 50mm thick of metallic cement hardner consisting of mix 1:2 (1 cement hardner mix : 2 granite metal 10mm nominal size) by volume, with which metallic hardening compound of approved quality mix in the ratio of 4:1 (4 part of cement and 1 part of metallic floor hardening compound of approved quality by wt) , including finishing cost of materials, labour, curing, complete as per specifications Specification No. KBS 14.4, Pg No 104,Item No 14.13								
	Ground Floor								
	Hall	Sqm	1	7.3	5.5		40.15		
	Near Stair case	Sqm	1	2.1	0.9		1.89		
	Stair case Floor	Sqm	1	5.5	2.1		11.55		
	Basic rate							631.00	
	Area weightage 8%							50.48	
	Total						**53.59**	**681.48**	**36520.51**
	First Floor								
	Hall	Sqm	1	7.3	5.5		40.15		
	Near Stair case	Sqm	1	2.1	0.9		1.89		
	Basic rate							631.00	
	An additional rate of Rs.2/sqm per floor may be added for every additional floor							2.00	
	sub total							633.00	
	Area weightage 8%							50.64	
	Total						42.04	683.64	**28740.23**
33	Providing and fixing Vetrified glazed tiles of approved make quality & colour of size 900x 900x 12 mm thick fixed on 12mm thick Cement mortar \ flooring with for flooring ,skirting ad jointed with neat cement slurry mixed with pigment to match shade of tiles, including providing spacers at required interval and removing stains etc complete as per specificationPg no. 107 Item No.14.45.1								
	Ground Floor								
	Flooring								
	Hall	Sqm	1	7.3	5.5		40.15		
	Near Stair case	Sqm	1	2.1	0.9		1.89		
	Stair case Floor	Sqm	1	5.5	2.1		11.55		
	Skirting								
	Along long Direction	Sqm	2	9.40		0.15	2.82		
	Along Short Direction	Sqm	2	5.5		0.15	1.65		
	Deduction								
	D1	Sqm	-1	0.90		0.15	-0.14		
	Basic Rate							1137.00	
	Area weightage 8%							90.96	
	Total						**57.92**	**1227.96**	**71128.85**
	First Floor								
	Flooring								
	Hall	Sqm	1	7.3	5.5		40.15		
	Near Stair case	Sqm	1	2.1	0.9		1.89		
	Skirting								
	Along long Direction	Sqm	2	9.40		0.15	2.82		
	Along Short Direction	Sqm	2	5.5		0.15	1.65		
	Basic Rate							1137.00	
	An additional rate of Rs.2/sqm per floor may be added for every additional floor							2.00	
	Sub total							1139.00	
	Area weightage 8%							91.12	
	Total						**46.51**	**1230.12**	**57212.14**

D	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
4	Waterproofing of RCC Terrace / podium slab / toilet / utilities / water retaining structure by preparing the surface by chipping and cleaning and Grouting of Honey comb, voids,cracks / construction joints with cement slurry (1kg cement added in 10 ltr of water) added with 100gm of inorganic accelerator, followed by spraying of liquid biological modified alkaline earth silicates @ 0.40 ltr per sqm on whole surface to reduce the micro porosity and allowing it to dry, curing the surface for the silicates to penetrate deeper into the concrete and spraying waterproofing impregnate liquid containing silane and silanol linear copolymer @ 0.50 ltr per sqm and finally applying polymer slurry made out of cross linked acrylic / styrene / butadiene & cement in the ratio of 1:0.1, @0.50kg/sqm on the whole surface, including all labour charges tools and equipments, all complete as per the specification. page no 69 item no 10.5.1								
	Terrace								
	Slab	Sqm	1	9.80	5.9		57.81		
	Deduction								
	Stair case	Sqm	-1	4.65	2.1		-9.77		
	Basic Rate							526.00	
	Area weightage 8%							42.08	
	Total						**48.04**	**568.08**	**27292.38**
35	KSRB 9-27.1 : Fixing of door frames in an existing opening including embedding frame in floor and walls after cutting masonary for holdfasts for embedding holdfast in cement concrete 1:3:6 of 20mm and downsize granite metal painting two coats of coal tar to sides of frame,making good the damages to walls and floor as required and disposal of the debries with lead upto 50 m. including cost of materials, labour, complete as per specifications. Pg No 60,Item No9.80								
	Ground Floor								
	D1	Nos	1				1		
	Basic rate							1366.00	
	Area weightage 8%							109.28	
	Total						**1**	**1475.28**	**1475.28**
	Head Room								
	D1	Nos	1				1		
	Basic rate							1366.00	
	An additional rate of Rs.4/sqm per floor may be added for every additional floor							8.00	
	sub total							1374.00	
	Area weightage 8%							109.92	
	Total						**1**	**1483.92**	**1483.92**
36	KSRB 9.4-2: Providing Honne wood frames of doors, windows, clerestory windows,ventilators and other frames , wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps),but including cost of materials, labour, HOM of machineries complete as per specifications. Specification No. KBS 9.33 Pg No 53,Item No9.11								
	Ground Floor								
	D1	Cum	1	6	0.2	0.15	0.18		
	Basic rate							87604.00	
	Area weightage 8%							7008.32	
	Total						**0.18**	**94612.3**	**17030.22**
	Head Room								
	D1	Cum	1	6	0.2	0.15	0.18		
	Basic rate							87604.00	
	An additional rate of Rs.4/sqm per floor may be added for every additional floor							8.00	
	sub total							87612.00	
	Area weightage 8%							7008.96	
	Total						**0.18**	**94620.96**	**17031.77**

	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	KSRB 9.5-2 : Providing and fixing in position fully panelled Honne wood shutters for doors, styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries complete as per specifications. (excluding cost of fixtures) Specification No. KBS 9.34, Pg No. 53, Item No. 9.15								
	Ground Floor								
	D1	Sqm	1	0.9		2.1	1.89		
	Basic rate							4722.00	
	Area weightage 8%							377.76	
	Total						**1.89**	**5099.76**	**9638.55**
	Head Room								
	D1	Sqm	1	0.9		2.1	1.89		
	Basic rate							4722.00	
	An additional rate of Rs.4/sqm per floor may be added for every additional floor							8.00	
	sub total							4730.00	
	Area weightage 8%							378.4	
	Total						**1.89**	**5108.40**	**9654.88**
38	Providing and applying painting two coats (excluding priming coat) on new wood surface and / or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost ofmaterials, labour, complete as per specifications. Pg no:121.Item no:15.60.1								
	Ground Floor								
	D1	Sqm	1	0.9		2.1	1.89		
	D1	Sqm	1	0.9		2.1	1.89		
	Basic rate							97.00	
	Area weightage 8%							7.76	
	Total						**3.78**	**104.76**	**395.99**
39	KSRB 7.11 : Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using three track window frame of size 92x31.75mm bottom section 1.3mm thick, weight 1.07kg/m; sides and top sections 1.3 mm, thick, weight 0.933 kg/m.shutter frame section comprising top and bottom section of size 40mmx18mm, wall thickness 1.25mm. weight 0.417 kg./m. shutter side outer 40mmx18mm. wall thickness 1.25mm. weight 0.417 kg/m, shutter interlock section 40mmx26.7mm wall thickness 1.1 mm. thick, weight 0.469 kg/m, the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc.; providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading all aluminium sections including cutting to required length, joints mitred subdividing the frame tenonned and rivetted, in the assembled frame, stiffened with end clips for corners, angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be, with necessary steel screws, raul plugs or teak wood gatties including cutting masonry or concrete and making good the original surface using cement mortar - using aluminium section powdered coated to a minimum of 60- 70 microns with exterior durable pure polyester grade powder of approved quality.Pg No.35 Item No.7.11.2								
	Ground floor								
	W1	Sqm	4	1.50		1.50	9.00		
	Basic Rate							4435.00	
	Area weightage 8%							354.8	
	Total						**9.00**	**4789.80**	**43108.20**
	First Floor								
	W1	Sqm	4	1.5		1.5	9.00		
	Basic Rate							4435.00	
	An additional rate of Rs.6/sqm per floor may be added for every additional floor							6.00	
	sub total							4441.00	
	Area weightage 8%							355.28	
	Total						**9.00**	**4796.28**	**43166.52**

	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	KSRB 7.9 : Providing and fixing M.S.grill work for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approve design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications.Specification No. KBS 7.12 Pg No.34 Item No.7.9								
	Ground floor	kg	4			47.25	189		
				21kg per sqm 1.5*1.5*21=47.25					
	Basic Rate							95.00	
	Area weightage 8%							7.6	
	Total						189.00	102.60	19391.40
	First Floor	kg	4			47.25	189.00		
				21kg per sqm 1.5*1.5*21=47.25					
	Basic Rate							95.00	
	An additional rate of Rs.6/sqm per floor may be added for every additional floor							6.00	
	sub total							101.00	
	Area weightage 8%							8.08	
	Total						189.00	109.08	20616.12
41	KSRB 15-18.2 : Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications. Pg no:123.Item no:15.74								
	For window and ventilators	Sqm	1	window qty+ventilator qty			18.00		
	Painting for Grill Works	Sqm		window qty			18.00		
	Basic rate							95.00	
	Area weightage 8%							7.60	
	Total						36.00	102.60	3693.60

AE-02

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF THE PROJECT: CONSTRUCTION OF SAMUDAYA BHAVAN AT PUTTENAHALLI COLONY IN CHOWDESHWARI WARD NO - 02

Electrical Works

Sl.no	SR book page no.	SR book item no.	Description of Works	Unit	Qty	SR Rate Rs.Ps	Amount, Rs.Ps
			INTERNAL WIRING SYSTEM				
42			Point wiring using copper wire without switch Supplying and wiring adopting loop system in existing PVC Conduit /casing capping using 2x1.5Sqmm (Phase & Neutral) & 1x1.0 sqmm (Earth wire) FRLS multi strand PVC insulated copper wire (confirming to IS-694: and latest amendments) with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet/ gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet.				
a	Pg 5	Item 2.1.1	Short point upto 3m	Point	6	200.00	1200
b	Pg 5	Item 2.1.2	Medium point above 3m - 6m	Point	6	275.00	1650
43	Pg 2	Item 1.2	Concealed Conduit System - Supplying heavy gauge PVC conduit pipe ……mm dia .....mm thick confirming to IS 2509 with suitable size bends, metal/PVC junction boxes, adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of unction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fish wire wherever necessary				
b	Pg 2	Item 1.2.2	25mm dia, 2mm thick	Rm	20	53.00	1060
44	pg 2	item 1.3	Groove cutting : Supplying heavy gauge conduit PVC 25/2mm of s thick heavy with suitable size bend , metal junction boxes, adhesive pastes etc, by groove cutting in a wall and fixing by bracing U or J hooks and cement plastering up to the surface and run with 18SWG GI fish wire run throughout the conduit where ever necessary.				
a	Pg 2	Item 1.3.1	19/20mm dia, 2mm thick	Rm	20	51.00	1020
b	Pg 2	Item 1.3.2	25mm dia, 2mm thick	Rm	15	54.00	810
52	pg 9	item 3.4	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall				
a	Pg 9	item 3.4.1	1 - 3 Way	Each	8	95.00	760
b	Pg 9	item 3.4.2	4 - 5 Way	Each	10	105.00	1050
45	pg 9	item 3.1	Supplying 6A flush type socket and 6 amp flush type SP switch either surface/flush mountinh in existing gang box or in 4mm thik plastic sheet and fixing over a flush mounted wooden box and wiring using necessary capacity wire as required as per IS 1293 and IS 3654 .				
a	Pg 9	Item 3.1.2	6AMP 3/5 and Switch	No	4	132.00	528
46	pg 9	item 3.2	Supplying and mounting 2 Nos, of 2 Way 6amps flush type switches either surface/flush mounted on existing gang box or in 4mm thick plastic sheet and mounted on a flusg mounted wooden box and wiring as per IS 1293	Each	8	150.00	1200
47	pg 15	item 3.3	Supply and fixing of bakelite D.P /socket/switch with/ without neon indicator over existing wood board or flush mounting in plastic plates/nitches as per IS 1293 and IS 3854				
a		3.3.4	16Amps Combined.switch and socket with indication	No	4	194.00	776
b		3.3.5	Electronic stepped regulator.	No	2	150.00	300

No	SR book page no.	SR book item no.	Description of Works	Unit	Qty	SR Rate Rs.Ps	Amount, Rs.Ps
48			Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:confirming to latest amendments				
a	Pg 6	Item 2.3.2	1.5sqmm	Rm	20	20.05	401
b	Pg 6	Item 2.3.3	2.5sqmm	Rm	10	32.00	320
57	Pg 3	Item 1.12	Supplying and fixing Metal Fan Box with Round Hook	Each	4	85.00	340
			LIGHT FIXTURES				
49	Pg 69	item 12.4.2	Suppiying and fixing of slim box Fitting ,made out of CRCA sheet metal body with locking type holder completely wired Excluding Ballast &Flouresent Tube. 1X4' Tube light Fitting	Nos	5	300.00	1500
50	Pg 46	Item 7.3	Supplying capacitor type ceiling fan complete with down rod blades shackle, canopies etc, for operation on 230 volts, 50 cycles. single phase AC supply conforming to ISS-374-1979 and with double ball bearing system				
a	Pg 46	item 7.3.1	48" sweep (1200mm)	Each	4	2090.00	8360
						Total Amount Electrical	21275.00
						Total Amount Building	2654465.30
						Sub Total Amount	2675740.30
						GST Charges (12% of estimated cost)	321088.84
						Miscellaneous and rounding off	3170.86
						Grand Total Amount	3000000.00

CERTIFICATE:

1) The work spot has been inspected and found to be necessary

2) The work spot comes under B.B.M.P

3) The provisions made in the estimate are necessary and minimum.

4) The estimate is based on C.S.R of 2018-2019, Data rates, PWD Electrical 2019-20,PRED 2019-20, SE-RDED approved Rate and Issused Rates.

Assistant Engineer
BBMP

Assistant Executive Engineer
BBMP

Executive Engineer
BBMP

Administrative Sanction for Rs. 30.00 lakhs
Rupees Thirty lakh only
is accorded under head P-3853
Special Development works
Registered as CE No. 94 Subject
to conditions contained in enclosed memo
No. BBMP/EE/YNK-D/AS/94/20-21 Dt. 20/02/2021

Executive Engineer

Technical Sanction
Accorded For 30.00 lakhs
Head of A/C P-3853
CER NO :163 Dt:22/02/2021

TA CE (YNK)